

ABSTRACT OF THE DISCLOSURE**APPARATUS AND METHOD FOR IMPLEMENTING MULTICAST ON A
SYSTEM AREA NETWORK CHANNEL ADAPTER**

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An apparatus and method for implementing mulitcast in system area network channel adapters are provided. With the apparatus and method, a multicast packet is received in a channel adapter of an end node. The

10 channel adapter determines which local queue pairs are party of the multicast group identified by a destination local identifier in the multicast data packet. Based on this determination, the channel adapter replicates the data packet and delivers a copy of the data packet to

15 each local queue pair that is part of the multicast group.

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